

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 2-2005)

ATTORNEY'S DOCKET NUMBER

121036-0081

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/541688

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371INTERNATIONAL APPLICATION NO.
PCT/JP2004/003455INTERNATIONAL FILING DATE
16 MARCH 2004PRIORITY DATE CLAIMED
22 MAY 2003TITLE OF INVENTION
SEAL MOLDING MATERIAL FOR CELL ELECTROLYTIC SOLUTION

APPLICANT(S) FOR DO/EO/US

Chiyo OGATA, Hidekazu KANAGAE, Hideto NAMEKI Hisayuki NAGAOKA and Kuniyoshi KAWASAKI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. A **FIRST** preliminary amendment.
16. A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. A substitute specification.
18. A power of attorney and/or change of address letter.
19. A computer-readable form of the sequence listing in accordance with PCT Rule 13^{ter}.2 and 37 CFR 1.821 - 1.825.
20. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. Express Mail Label No. EV 468352426 US
23. Other items or information:

One (1) Drawing Sheet
Copy of Cited References
Fee Transmittal

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/541688		INTERNATIONAL APPLICATION NO. PCT/JP2004/003455		ATTORNEY'S DOCKET NUMBER 121036-0081	
The following fees are submitted:				CALCULATIONS PTO USE	
24. <input checked="" type="checkbox"/> Basic national fee				\$300	\$300.00
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).				\$100	\$200.00
All other situations.				\$200	
26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100	
International Search Report prepared and provided to the Office				\$400	
All other situations.				\$500	\$400.00
TOTAL OF 24, 25 and 26 =				\$	\$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
- 100 =	0 /50 =	0		x \$250.00	\$ \$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	17	- 20 =	0	x \$50.00	\$ \$0.00
Independent claims	1	- 3 =	0	x \$200.00	\$ \$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>				+ \$360.00	\$ \$0.00
TOTAL OF ABOVE CALCULATIONS =				\$	\$900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$0.00
SUBTOTAL =				\$	\$900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
TOTAL NATIONAL FEE =				\$	\$900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$40.00
TOTAL FEES ENCLOSED =				\$	\$940.00
				Amount to be	\$
				Amount to be	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 12-2136 in the amount of \$940.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-2136. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<p>Michael S. Gzybowski BUTZEL LONG 350 South Main Street Suite 300 Ann Arbor, MI 48104</p>					
<p>SIGNATURE  Michael S. Gzybowski</p>					
<p>NAME 32,816</p>					
REGISTRATION NUMBER					

Doc Code:

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004. <i>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</i>		Complete If Known	
FEES TRANSMITTAL for FY 2005		Application Number <u>Unknown</u> 10/541688 Filing Date <u>July 6, 2005</u> First Named Inventor <u>Chiyo OGATA, et al</u> Examiner Name <u>Unknown</u> Art Unit <u>Unknown</u> Attorney Docket No. <u>121036-0081</u>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$)	\$940.00	

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Deposit Account Number: 12-2136 Deposit Account Name: BUTZEL LONG

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fees Paid(\$)</u>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEESFee Description

Each claim over 20 (including Reissues)

<u>Fee (\$)</u>	<u>Small Entity</u>
50	25
200	100
360	180

Each independent claim over 3 (including Reissues)

<u>Fee (\$)</u>	<u>Multiple Dependent Claims</u>

Multiple dependent claims

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 20 or HP =	x	\$50.00	= \$0.00		

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 3 or HP =	x	\$200.00	= \$0.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	0	/ 50 0 (round up to a whole)	x \$250.00	= \$0.00

4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): BASIC NATIONAL FILING FEE AND RECORDATION FEE\$940.00**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	32,816	Telephone	734.995.3110
Name (Print/Type)	Michael S. Gzybowski		Date	July 6, 2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

"EXPRESS MAIL" COVER LETTER
U.S. PATENT APPLICATION

Date: July 6, 2005

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: APPLICANTS:

Chiyo OGATA, Hidekazu KANAGAE, Hideto NAMEKI,
Hisayuki NAGAOKA and Kuniyoshi KAWASAKI

TITLE OF INVENTION:

SEAL MOLDING MATERIAL FOR CELL ELECTROLYTIC
SOLUTION

Sir:

Forwarded herewith is the above-identified application, consisting of the following:

Express Mail Cover Letter

Certificate of Mailing by "Express Mail"

Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing

Under 35 U.S.C. 371 - In Duplicate

PCT Publication of International Application No. PCT/JP2004/003455 (Publication No. PCTWO2004/105160A1)

Translation of International Application No. PCT/JP2004/003455 (Publication No. PCTWO2004/105160A1) into
English Including Specification (11 pages), Claims (2 pages) and Abstract (1 page)

One (1) Drawing Sheet

Preliminary Amendment (8 pages)

PCT/USA National Declaration and Power of Attorney (3 pages)

International Search Report (PCT/ISA/210) in English and Japanese (4 pages)

Information Disclosure Statement (2 pages)

Information Disclosure Statement (PTO-1449) with Cited References

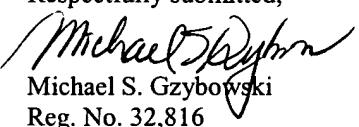
Recordation Form Cover Sheet (PTO-1595)

Assignment (1 page)

Fee Transmittal (1 page)

Return Post Card

Respectfully submitted,


Michael S. Gzybowski

Reg. No. 32,816

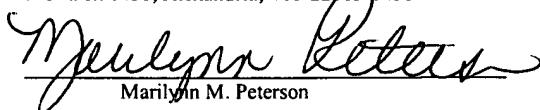
Attorney for Applicant

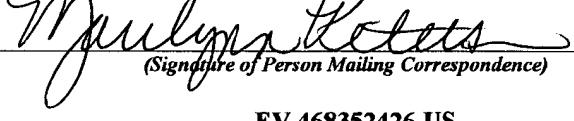
BUTZEL LONG
350 South Main Street
Suite 300
Ann Arbor, MI 48104
734-995-3110 (ph)

"EXPRESS MAIL" Mailing No. EV 468352426 US

Date of Deposit: July 6, 2005

I hereby certify that this paper is being deposited with
The United States Postal Service "EXPRESS MAIL"
POST OFFICE TO ADDRESSEE" service under
37 CFR 1.10 on the date indicated above and is addressed
to the Mail Stop PCT, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450


Marilyn M. Peterson

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Chiyota OGATA, Hidekazu KANAGAE, Hideto NAMEKI, Hisayuki NAGAOKA and Kuniyoshi KAWASAKI				Docket No. 121036-0081
Application No. Unknown	Filing Date July 6, 2005	Examiner Unknown	Customer No. 35684	Group Art Unit Unknown
Invention: SEAL MOLDING MATERIAL FOR CELL ELECTROLYTIC SOLUTION				
<p>I hereby certify that the following correspondence:</p> <p>Express Mail Cover Letter, Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 - In Duplicate, PCT Publication of International Application No. PCT/JP2004/003455 (Publication No. PCTWO2004/105160A1), Translation of International Application No. PCT/JP2004/003455 (Publication No. PCTWO2004/105160A1) into English Including Specification (11 pages), Claims (2 pages) and Abstract (1 page), One (1) Drawing Sheet, Preliminary Amendment (8 pages), PCT/USA National Declaration and Power of Attorney (3 pages), International Search Report (PCT/ISA/210) in English and Japanese (4 pages), Information Disclosure Statement (2 pages), Information Disclosure Statement (PTO-1449) with Cited References, Recordation Form Cover-Sheet (PTO-1595), Assignment (1-page), Fee Transmittal (1-page) and Return Post Card</p> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p>				
<p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>July 6, 2005</u></p> <p style="text-align: center;"><i>(Date)</i></p>				
<p>Marilynn M. Peterson <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p>  <p><i>(Signature of Person Mailing Correspondence)</i></p> <p style="text-align: center;">EV 468352426 US <i>("Express Mail" Mailing Label Number)</i></p>				
<p>Note: Each paper must have its own certificate of mailing.</p>				